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④カーペット取付装置

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明 細 書

1. 発明の名称

カーペット取付装置

2. 特許請求の範囲

床面に背の低い低下層と背の高い高下層とを接着し、低下層に表面部の毛足が長い第1表面層を積層して取付けると共に高下層に表面部の毛足が短い第2表面層を積層して取付けて成るカーペット取付装置。

3. 発明の詳細な説明

本発明は、床面11に背の低い低下層12と背の高い高下層13とを接着し、低下層12に表面部の毛足が長い第1表面層14を積層して取付けると共に高下層13に表面部の毛足が短い第2表面層15を積層して取付けて成るカーペット取付装置に係るものであつて、その目的とするところは毛足の異なるカーペットを同一に施工できるカーペット取付装置を提供するにある。

以下本発明を実施例により詳述する。図中12は背の低い低下層であり、13は背の高い高下層であ

つて、それぞれ発泡体にて形成してあつて、上面部に突出基部が両首となつた先端膨出係止部16と先端膨出係止部16が弾性的に係止できる形状の開口中狭の溝状膨出溝17とが交互に連続して設けてある。図中14は第1表面層であつて、発泡体の基材18上に毛足の長いパイル19が植毛してある。また15は第2表面層であつて、発泡体の基材18上に毛足の短いパイル20が植毛してある。基材18及び20の下面にはそれぞれ先端膨出係止部16と溝状膨出溝17とが交互に連続して設けてある。しかしして施工に当つては、床面11に背の低い低下層12と背の高い高下層13とをすき間が生じないように両面接着テープや接着剤で敷設して接着する。次に低下層12に表面部の毛足が長い第1表面層14を積層して取付けると共に高下層13に表面部の毛足が短い第2表面層15を積層して取付けるのである。ここで取付けはそれぞれ先端膨出係止部16を溝状膨出溝17に係合して取付けるのである。このようにして取付けるとそれぞれ毛足の長さが異なる第1表面層14と第2表面層15との各表面をほぼ面一とす

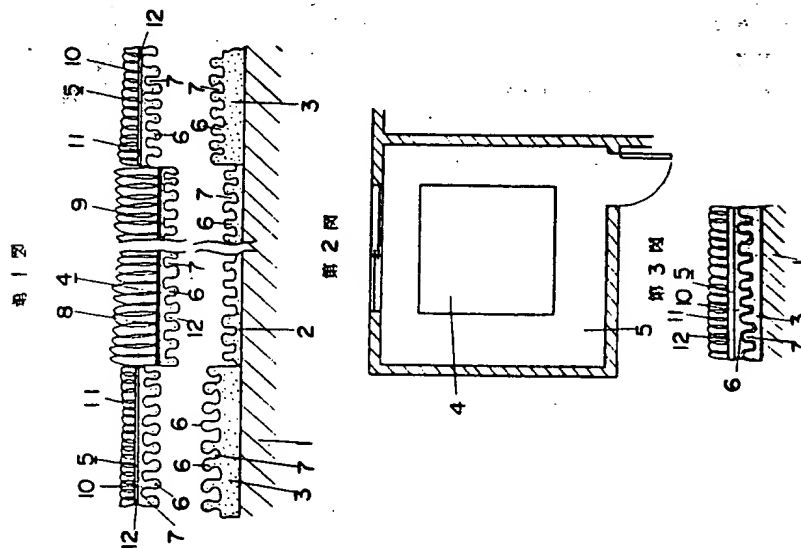
ることが出来るものである。したがって例えば豪華な感じの毛足の長いカーペットを部屋の中心にし、その回りに毛足の短いカーペットを敷いてもカーペット同士に段差ができないものである。図中②は基布である。

本発明にあつては、叙述のように床面に背の低い低下層と背の高い高下層とを接合し、低下層に表面部の毛足が長い第1表面層を積層して取付けると共に高下層に表面部の毛足が短い第2表面層を積層して取付けるので、それぞれ毛足の異なる第1表面層と第2表面層とのパイル表面をほぼ面一とすることができ、段差ができないものであつて、歩行性がよいという利点がある。

4. 図面の簡単な説明

第1図は本発明の一実施例の断面図、第2図は同上の一実施例を示す上面図、第3図は係合状態を示す断面図であつて、(1)は床面、(2)は低下層、(3)は高下層、(4)は第1表面層、(5)は第2表面層である。

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Detail Descriptions

1. Title of the Invention: Carpet Attachments

2. Scope of Patent Claims

The carpet attachments that consist of a lower height attachment to which a longer length of No. 1 surface carpet layer is being adhered to the surface, and a higher height attachment to which a shorter length of No. 2 surface carpet layer is being adhered to the surface, and both of the attachments are adhered to a floor surface at the same time.

3. Detailed Descriptions of the Invention

This invention is in regard to the carpet attachments that consist of a lower height attachment (2) to which a longer length of No. 1 surface carpet layer (4) is adhered to the surface, and a higher height attachment (3) to which a shorter length of No. 2 surface carpet layer (5) is being adhered to the surface, and both of the attachments are adhered to a floor surface (1) at the same time. The objective of this invention is to provide such carpet attachments of which different carpet layer heights are evident with each other, but the installation of which can be done in a uniformed manner.

In the following paragraph, the descriptions for this invention are given with some installation examples:

In the diagram, (2) is the lower height attachment and (3) is the higher height attachment, respectively; each one of them is formed as a foaming body, and the protruding parts (6) and hollow parts (7) are arranged alternatively on their surfaces in a continuous manner, so that an elasticity is given to the entire carpet. In the same diagram, (4) is the No. 1 surface carpet layer, and a longer length of piles (9) are planted on the base material (8) of the foaming body. Also, (5) is the No. 2 surface carpet layer,

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and a shorter length of piles (11) are planted on the base material (10) of foaming body. At the bottom of the base materials of (8) and (10), the protruding parts (6) and hollow parts (7) are arranged respectively and alternatively in a continuous manner. Therefore, the installation of these attachments will have to be done in such a way that no gaps exist between the lower height attachment (2) and higher height attachment (3), by means of double-sided tape and/or other appropriate adhesive. In following, the No. 1 surface carpet layer (4) that is of a longer length carpet is attached to the lower height attachment (2), and the No. 2 surface carpet layer (5) that is of a shorter length carpet is attached to the higher height attachment (3). Here again, the protruding parts (6) and hollow parts (7) are arranged respectively and alternatively in a continuous manner. By doing it this way, both of the No. 1 surface carpet layer (4), that is of a longer length carpet, is attached to the lower height attachment (2), and the No. 2 surface carpet layer (5), that is of a shorter length carpet, is attached to the higher height attachment (3), can be installed at approximately the same height at their top surfaces. Therefore, even though a longer length of carpet that may give a luxury type of impression is installed at

the central part of a room, for example, a shorter length of carpet can be installed at around the longer length of carpet without there being any difference of elevations. In the diagrams, (12) shows a base fabric material.

In this invention, as it was mentioned previously, since the carpet is installed in such a way that both of the lower height and higher height attachments are adhered to a floor surface at the same time, and both of the longer length of No. 1 surface carpet layer and shorter length of No. 2 surface carpet layer are adhered to their attachments surfaces, respectively, the piled top surfaces of each carpet of different lengths surface carpet

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layers come to approximately the same level eliminating height difference between them, thus providing superior area for the residents to walk around.

4. Brief Descriptions for the Sketched Diagrams

Fig. 1 shows a cross sectional view of one of the installation examples of carpets of this invention. Fig. 2 shows a plan view of the same installation example of carpets of this invention. Fig. 3 shows a cross sectional view of the same installation example of carpets of this invention, which indicates the interactive relations between the two (2) different kinds of carpets, showing (1) as a floor surface, (2) as the lower height attachment, (3) as the higher height attachment, (4) as the No.1 surface carpet layer, and (5) as the No. 2 surface carpet layer.

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